Montana Department of Agriculture

The Department of Agriculture, through the Director, is responsible for administration of a \$13 million annual budget with 108 employees. The Director oversees the department's three divisions and six bureaus. The function of each division is summarized below.

Central Management Division performs technical, fiscal and administrative support functions for the department. Responsibilities of the division include activities for internal operations of the department.

Agricultural Sciences Division is responsible for the registration of 7,025 pesticide products; the training, certification and licensing of 1,510 commercial and government applicators, 1,677 operators, 447 pesticide dealers, and 8,200 private applicators.

The division provides evaluation pest management problems and programs; training and licensing of government and commercial pesticide applicators and dealers; and analytical laboratory and consultative services to other agencies and the public. In addition, the division is responsible for the administration and enforcement of regulatory laws controlling the production, manufacturing, and marketing of agricultural commodities exported from or distributed within Montana. The division investigates consumer complaints; performs technical expertise and licenses for 480 nurseries, 656 feed dealers, 234 fertilizer dealers, 320 seed dealers and 105 grain merchandisers. The division also registers 2,698 pet food products, 1,200 fertilizers, and 5,030 bee vards.

The passage of the Montana Agricultural Chemical Ground Water Protection Act (1990) charges the department to protect ground water and the environment from impairment or degradation due to the use of agricultural chemicals. The Vertebrate Pest Management program provides on-site demonstrations, educational materials and technical bulletins to assist producers in reducing damage caused by field rodents, birds and other large mammals. The Weed Management program is responsible for administering statewide efforts aimed at control and/or eradication of noxious and other undesirable weeds. The Noxious Weed Seed Free Forage Program provides a certification mechanism that allows producers to market various forage crops as being noxious weed seed free.

The **Agricultural Development Division** (ADD) is responsible for administering programs directed at promoting and enhancing Montana agriculture. Within the Division are four bureaus, the Rural Development Bureau, the Wheat and Barley Bureau, the Agriculture Marketing and Business Development Bureau, and the Montana State Grain Laboratory Bureau.

Councils and Boards attached to the Agriculture Development Division include the Montana Alfalfa Seed Committee, Agriculture Development Council, Montana Potato Advisory Committee, Wheat and Barley Committee, State Hail Insurance Board, and Agriculture in Montana Schools.

Statewide agricultural statistics and projections are developed through a Federal/State cooperative agreement with the National Agriculture Statistics Service administered through the division. This information is made available through a comprehensive agricultural statistics bulletin and grain movement summary along with other production, price and income reports.

The **Rural Development Bureau** serves Montana through the Agriculture Finance Program, the Commodity Check-Off Enabling Act, the State Hail Insurance Program, and Montana Agricultural Statistics Service. The Bureau is charged with assisting producers and entrepreneurs in enhancing our agricultural industry and the Montana economy.

The Agriculture Finance program is responsible for making grants and lower interest rate loans for rural youth, rural youth organizations, and other qualified farmers and ranchers. The Agriculture Finance Program also provides funds for Rural Community Development Grants, Building Our American Communities, and the Young Ag Couples Conference.

The State Hail Insurance Program insures any crop grown in Montana from losses caused by hail damage. The Program was established in 1917 to provide producers with basic hail insurance coverage to protect producers input costs.

The Agriculture Marketing and Business Development Bureau is responsible for market enhancement and development through direct market development activities, grants, and seed capital loan investments in new and innovative products or process, marketing, and product development. Marketing and agri-business development personnel work closely with individuals and organizations to promote and enhance our agriculture industry.

The Montana State Grain Laboratory Bureau is located in Great Falls and operates the only official USDA-Federal Grain Inspection Service grain grading and inspection laboratory in the state of Montana. The lab provides unbiased grain inspection, grading, analytical services, and oil seed analysis to the state's grain industry.

The Montana Wheat and Barley Bureau is responsible for marketing, promoting and encouraging intensive scientific and practical research in all phases of wheat and barley culture and production under the guidelines and policies developed by the Wheat and Barley Committee.

Crop, Livestock, and Weather Digest, 2004

January: During January, Montana had sub-zero temperatures and snowfall in most areas. Kalispell received the most precipitation at 1.97 inches. Snow cover provided good protection and moisture for the winter wheat crop. At month's end, winter wheat conditions were rated mostly fair to good. Livestock grazing was reported at 16% open, compared to 81% open last year. Calving and lambing had just begun by the end of the month.

February: Montana had normal temperatures for the month and below normal snowfall in most areas. Ekalaka and Hardin received the most precipitation at 1.25 inches each. Ample snow cover provided protection for the winter wheat crop. At month's end, winter wheat conditions were rated mostly fair to good. Livestock producers reported only 28% of the pastures open for grazing at the end of February. One hundred percent of both cattle and calves and sheep and lambs were receiving supplemental feed. Calving and lambing were 20% and 10% complete, respectively.

March: Montana's weather was warm and dry in March. The winter wheat crop was mostly in good to fair condition at month's end. Mild weather allowed farmers to start seeding spring grains. Grazing was reported 60% open at the end of the month, compared to 72% open last year. One hundred percent of both cattle and calves and sheep and lambs continued to receive supplemental feed. Calving and lambing were 52% and 39% complete, respectively.

April: Montana received scattered rain throughout the state during the month. Winter wheat conditions were below the five-year average at month's end due to lack of moisture and winter kill. Warm and mostly dry weather allowed producers to make good seeding progress with spring crops. By the end of the month, livestock grazing was 80% open. Due to dry range and pasture conditions, 66% of the cattle and calves and 58% of the sheep and lambs were receiving supplemental feed. Calving and lambing were nearing completion.

May: Warm, dry weather continued until the second week in May when much needed rain and snow fell throughout the state. Precipitation and lower temperatures prevailed the rest of the month. Turner received the most precipitation for May at 2.92 inches. As a result of wet, cool conditions, spring planting and crop progress slowed down. Some producers in eastern Montana had to replant their sugar beets because of a hard freeze. At month's end, 55% of the cattle and calves and 60% of the sheep and lambs had been moved to summer pastures.

June: The weather was warm and dry the first week in June. Rain showers fell across the state the rest of the month. Bozeman received the most precipitation at 2.61 inches. The widespread moisture and cooler temperatures improved crop conditions for almost all small grains but slowed crop progress. At month's end, nearly all the cattle and calves and sheep and lambs were moved to summer ranges. Range and pasture feed conditions improved slightly with the precipitation but were still behind last year and the five-year average at the end of the month.

July: Hot, dry weather prevailed across Montana in July. Miles City set the high at 107 degrees. Winter wheat was 11% harvested at the end of the month, significantly behind last year and the 5-year average. The first cutting of alfalfa hay was nearly complete, and the second cutting was underway by the end of the month. In response to the summer weather, range and pasture feed conditions declined.

August: Most of the state received significant rainfall the first part of the month. Baker received the most precipitation at 2.92 inches. Conditions turned mild and dry at mid-month, which helped crop development. Rainfall across the state during the rest of the month, along with cooler temperatures, slowed the spring grain harvest. At month's end, the spring wheat, durum wheat, barley, and oats harvest progress was well behind last year. Winter wheat was 95% harvested. Range and pasture feed conditions improved slightly with the rain.

September: During the first part of the month, limited rainfall, warmer temperatures, and a relatively dry week allowed producers to speed up spring grains harvest. Rain showers fell across the state the rest of the month. West Glacier received the most precipitation at 2.11 inches. Farmers took advantage of the good soil moisture conditions to plant winter wheat. By month's end, winter wheat was 86% seeded, ahead of last year and the 5-year average. Spring grain harvest was nearing completion, except for durum wheat, which was 68% harvested. At the end of the month, 45% of the cattle and calves and 51% of the sheep and lambs had been moved from summer ranges.

October: Montana had warm temperatures and limited precipitation the first half of the month. During the third week, the weather was cooler and rain fell in most areas of the state. As a result, the 2005 winter wheat crop condition was rated 75% good to excellent. At month's end, durum wheat was 95% harvested, compared to 100% harvested last year. Dry beans, sugar beets, and potato harvest came to a close. By the end of the month, 75% of the cattle and calves and 83% of the sheep and lambs were moved off summer ranges.

November: Temperatures were above normal for the month with limited precipitation throughout the state. By the end of the month, 98% of the winter wheat crop was emerged and 78% was rated in good to excellent condition. At the end of the month, 48% of the cattle and calves and 41% of the sheep and lambs received supplemental feed, fewer than last year.

December: Montana had above normal temperatures until the last week of December when colder temperatures and snow arrived. At month's end, the winter wheat crop had very little freeze or wind damage and 65% of the crop was rated in good to excellent condition. At the end of the month, 82% of the cattle and calves and 84% of the sheep and lambs were receiving supplemental feed, compared with last year when 100% of both cattle and calves and sheep and lambs received supplemental feed.

Climatological Data Annual and Growing Season Precipitation and Frost-Free Days, 2003-2004

Ciii iatologicai De					ION in Inch		31 1100			DAYS 1/
			Annual	KLOII IIAI		il – Septem	hor		wing Se	
STATIONS	COUNTY			Normal		•	Normal			Average
		2003	2004	2/	2003	2004	2/	2003	2004	3/
Bigfork 13 S	Lake	16.96	24.54	21.87	9.35	15.32	12.47	158	166	152
Big Sandy	Chouteau	13.39	11.63	13.82	8.43	8.15	10.54	124		97
Big Timber	Sweet Grass	16.63	12.94	16.11	.9.29	8.09	11.25	117	131	126
Billings WSO Bozeman MSU	Yellowstone Gallatin	12.18 19.34	11.08 18.56	14.77 19.29	6.21 9.95	7.96 12.76	9.58 12.85	121 78	141 118	150 120
Broadus	Powder River	14.22	10.84	13.59	9.03	7.73	9.49	133	141	119
Butte	Silver Bow	9.67	11.14	12.78	7.00	9.76	9.03	82	79	73
Chester	Liberty	8.62	9.68	10.58	6.42	7.76	8.20	117	137	108
Chinook	Blaine	12.87	13.44	13.06	8.88	10.81	10.00	121	119	119
Circle	McCone	16.04	8.24	13.28	10.51	5.41	10.06	125	95	120
Columbus	Stillwater	12.12	12.77	15.67	6.41	8.14	10.56	116	119	125
Conrad	Pondera	12.00 16.12	 14.88	12.06 13.58	8.44 11.75	 11.42	9.12 10.90	120 122	119 81	93 117
Culbertson Cut Bank	Roosevelt Glacier	5.00	7.65	12.51	4.25	6.58	10.90	83	94	113
Dillon WMCE	Beaverhead	8.37	9.48	11.65	6.12	7.63	8.78	83	96	103
Ekalaka	Carter	18.34	11.72	17.25	11.69	7.41	12.39	121	105	123
Fairfield	Teton	9.05	13.71	12.50	6.83	11.13	9.85	122	131	133
Flatwillow 4 ENE	Petroleum	12.92	10.29	13.30	7.26	7.77	9.84	121	95	118
Forsyth	Rosebud	16.64 11.46	12.43 13.41	14.08 13.69	8.51 8.53	8.77 10.67	9.97 10.04	121 121	129 129	134 131
Fort Benton	Chouteau	17.79								
Geraldine	Chouteau	17.79	14.31 12.47	16.04 11.23	11.88 8.01	11.22 9.52	11.58 8.68	121 121	120 131	125 133
Glasgow WSO Glendive	Valley Dawson	12.06	13.39	13.62	7.57	9.63	10.42	132	140	144
Great Falls Airport	Cascade	10.14	13.97	14.89	8.36	11.75	10.50	120	129	120
Hamilton	Ravalli	13.39		13.54	5.18	10.21	7.63	121	106	129
Hardin	Big Horn	10.85		12.07	6.95	7.88	8.08	121	136	133
Harlowton	Wheatland	0.01	9.14	14.08		7.43	10.73	117	119	111
Havre City-Cnty AP	Hill	9.81 9.34	11.52 12.05	11.46 11.32	8.55 7.01	10.26 10.38	8.35 8.19	117 121	130 139	125 121
Helena Hysham 25 SSE	Lewis & Clark Treasure	16.13	10.89	14.37	9.01	7.06	9.63	121	95	135
Joliet	Carbon	12.20	9.43	15.77	6.23	5.83	10.24	121	118	120
Jordan	Garfield	9.79		12.90	7.07		9.59	122		122
Kalispell	Flathead	12.30	16.39	17.21	6.23	10.27	9.42	134	129	91
Kremlin	Hill	8.63	13.10	12.24	6.56	10.60	9.49			
Lewistown FCWOS	Fergus	13.86 15.06	12.08 13.44	17.85 15.73	9.27 8.34	9.36 9.96	12.60 11.26	120 83	118 95	116 105
Livingston FCWOS	Park	12.18	11.61	12.88	9.25	9.96	9.93	118	89	122
Malta 7 E Medicine Lake 3 SE	Phillips Sheridan			12.99		11.11	10.43	117	82	125
Miles City	Custer	11.01	9.44	13.49	7.15	7.21	9.97	121	129	143
Missoula WSO	Missoula	14.55	15.18	13.82	7.37	11.79	8.09	143	130	117
Opheim 12 SSE	Valley	10.98	12.39	11.94	9.55	10.35	9.89	117	75	110
Plentywood	Sheridan	11.45	10.87	13.15	8.65	9.09	10.39	122	75 105	116
Plevna	Fallon	13.74	12.97 9.97	14.69 13.25	9.21	9.39 6.83	10.67 9.99	125	105 119	114 131
Roundup	Musselshell	13.79	13.93	13.25	8.60	9.85	10.89	122	138	126
Savage Scobey 4 NW	Richland Daniels	11.18	14.78	12.48	8.23	11.03	10.22	66		108
Sidney	Richland		11.22	14.31		7.62	10.84	122	138	125
St. Ignatius	Lake	12.21	15.72	16.54	6.52	12.62	10.34	144	140	131
Stanford	Judith Basin	15.75	12.38	17.13	10.17	9.69	12.69	121	129	109
Sunburst 8E	Toole	11.19	14.90	13.05	7.12	11.47	10.06	120	109	115
Terry 21 NNW	Prairie	13.92	9.5 17.57	13.67	9.58	6.21	10.44	122	95 151	126
Thompson Falls PH	Sanders	17.14 8.44	17.57 12.00	23.07 10.67	4.79 6.54	10.10 10.74	9.59 8.20	120 117	151 119	133 120
Townsend Valier	Broadwater Pondera	10.44	9.63	12.22	8.07	8.00	9.91	121	130	117
Vida 6 NE	McCone		12.67	13.88		9.54	10.46	122	95	119
Virginia City	Madison	13.09	15.66	15.82	7.88	11.90	10.85	78	97	85
Wibaux 2 E	Wibaux	15.04	9.47	14.01	11.50	6.26	11.17	131	74	113
Wilsall 8 ENE	Park	16.10 12.39	16.98 13.64	20.96 11.90	9.41 5.94	12.22 11.11	14.40 7.85	76 8	79 17	95 18
Wisdom	Beaverhead	12.39	13.64	16.89	5.94 8.16	10.07	11.03		111	115
Wyola 1 SW	Big Horn	12.70	75.77	10.07	0.10	10.07	11.00			

^{1/} The number of days between the last frost (32 degrees) in spring and first frost (32 degrees) after June 30.
2/ Normal for period 1971 -- 2000.
3/ Average frost-free days for the period 1991 to 2000.
-- Not available

SOURCE: National Climatic Data Center, NOAA, Asheville, North Carolina.

Freeze/Frost Occurrence Data, Average, 1961-1990 1/

rieeze/rios	t Occurren	ce Data,	Averaç	je, 196	1-199	0 1/					
Station	County	Temp. Threshold		oring (Date bability Le			Fall (Date) bability Le			ze-Free P bability L	
		(degrees F)	90	50	10	10	50	90	10	50	90
Belgrade AP	Gallatin	36	May 29	Jun 20	Jul 12	Aug 20	Sep 04	Sep 19			
		32 28	May 09 Apr 24	Jun 03 May 09	Jun 27 May 24	Aug 28 Sep 08	Sep 12 Sep 23	Sep 27 Oct 09	133 159		69 114
Big Sandy	Chouteau	36	May 21	Jun 08	Jun 26	Aug 19	Sep 04	Sep 19	113	87	61
		32	May 07	May 25	Jun 12	Sep 01	Sep 14	Sep 28	133	112	90
		28	Apr 22	May 09	May 25	Sep 09	Sep 24	Oct 09	157	138	119
Big Timber	Sweet Grass	36 32	May 15 May 02	Jun 05 May 18	Jun 26 Jun 03	Aug 25 Sep 04	Sep 09 Sep 20	Sep 24 Oct 06	125 149	95 124	65 99
		28	Apr 19	May 01	May 12	Sep 04	Oct 02	Oct 20	175	154	132
Bigfork13 S	Flathead	36	May 16	Jun 02	Jun 19	Aug 29	Sep 17	Oct 06	134		78
		32	Apr 30	May 16	May 31	Sep 11	Sep 29	Oct 17	159		
Pillings Water	Yellowstone	28 36	Apr 05 May 11	Apr 24 May 26	May 12 Jun 10	Sep 22 Sep 01	Oct 14 Sep 14	Nov 06 Sep 28	205 133	173 111	141 89
Billings Water Plant	renowstone	32	Apr 25	May 12	May 29	Sep 01	Sep 14	Oct 10	156		
		28	Apr 18	Apr 30	May 12	Sep 18	Oct 04	Oct 21	178	157	135
Bridger	Carbon	36	May 12	Jun 05	Jun 28	Aug 27	Sep 10	Sep 23	125		68
		32 28	Apr 27 Apr 17	May 16 May 02	Jun 04 May 17	Sep 06 Sep 18	Sep 20 Oct 03	Oct 05 Oct 18	151 173	127 153	102 134
Broadus	Powder River	36	May 10	May 31	Jun 22	Aug 20	Sep 05	Sep 21	123		
		32	May 01	May 19	Jun 07	Aug 31	Sep 14	Sep 28	140	117	94
		28	Apr 20	May 06	May 21	Sep 10	Sep 24	Oct 08	158	140	
Chester	Liberty	36 32	May 30 May 17	Jun 23 Jun 06	Jul 17 Jun 26	Aug 12 Aug 27	Aug 27 Sep 08	Sep 12 Sep 21	92 118		37 70
		28	Apr 29	May 15	Jun 01	Sep 03	Sep 08	Oct 01	145		103
Chinook	Blaine	36	May 16	Jun 02	Jun 19	Aug 22	Sep 06	Sep 22	116		
		32	May 03	May 16	May 29	Sep 03	Sep 16	Sep 29			
Conrad Airport	Pondera	28 36	Apr 18 May 30	May 04 Jun 19	May 20 July 09	Sep 09 Aug 17	Sep 23 Sep 02	Oct 08 Sep 19	162 103	142 75	122 47
Corifad Ali port	Portuera	32	May 12	May 27	July 09 Jun 12	Aug 17 Aug 28	Sep 02	Sep 19			
		28	Apr 30	May 13	May 25	Sep 07	Sep 23	Oct 09	151	132	113
Culbertson	Roosevelt	36	May 20	Jun 08	Jun 27	Aug 10	Aug 28	Sep 15	107	80	
		32 28	May 06 Apr 26	May 22 May 14	Jun 07 May 31	Aug 27 Sep 06	Sep 10 Sep 19	Sep 25 Oct 01	134 149		87 106
Dillon WMCE	Beaverhead	36	Jun 11	Jun 30	Jul 18	Aug 15	Aug 27	Sep 09	82	58	
		32	May 17	Jun 08	Jun 30	Aug 25	Sep 07	Sep 20	115		67
Electrical de la constant de la cons	0	28	May 02	May 18	Jun 03	Sep 03	Sep 18	Oct 03	142	122	103
Ekalaka	Carter	36 32	May 17 May 11	Jun 07 May 26	Jun 27 Jun 10	Aug 17 Aug 30	Sep 03 Sep 15	Sep 19 Oct 01	113 133		61 90
		28	Apr 19				Sep 25	Oct 13	160		
Fairfield	Teton	36	May 23				Sep 09	Sep 21			
		32 28	May 07 Apr 23	May 20 May 06			Sep 20 Oct 03	Oct 07 Oct 21			
Fort Benton	Chouteau	36	May 17	Jun 08	Jun 29		Sep 07	Sep 20			
	oourodu	32	May 09	May 21	Jun 03	Sep 02	Sep 14	Sep 25	132	114	97
		28	Apr 24	May 07	May 20		Sep 24	Oct 10			
Geraldine	Chouteau	36 32	May 23 May 06	Jun 17 May 24	Jul 12 Jun 11	Aug 19 Sep 03	Sep 03 Sep 14	Sep 19 Sep 24		78 112	
		28	Apr 28	May 10		Sep 06	Sep 23	Oct 09	154		
Glendive	Dawson	36	May 01	May 14	May 28	Sep 04	Sep 18	Oct 02	144		
		32	Apr 21	May 05	May 19		Sep 27	Oct 14			
Hamilton	Ravalli	28 36	Apr 14 May 20	Apr 27 Jun 07	May 09 Jun 25	Sep 21 Aug 25	Oct 06 Sep 05	Oct 21 Sep 16	181 110	162 89	142 68
Hallilloll	Kavaiii	30	May 06	May 24		Sep 06	Sep 05 Sep 20				
		28	Apr 19	May 04	May 19		Oct 03	Oct 20			
Hardin	Big Horn	36	May 09	May 31	Jun 22	Aug 27	Sep 09	Sep 23			
		32 28	Apr 27 Apr 17	May 17 May 01	Jun 05 May 14	Sep 06 Sep 15	Sep 20 Oct 01	Oct 05 Oct 17	149 170		
Harlem	Blaine	36	May 17	Jun 05	Jun 24	Aug 18	Sep 04	Sep 22	119		63
		32	May 06	May 23	Jun 08	Sep 02	Sep 15	Sep 28	137	114	91
		28	Apr 23	May 08	May 24	Sep 09	Sep 24	Oct 08	157	138	118

^{1/} This table gives the probability of a later date in the spring and an earlier date in the fall of the occurrence of temperatures as cold, or colder, than 36, 32, and 28 degrees Fahrenheit and the probable length of the freeze-free period relative to the same temperature threshold.

SOURCE: National Weather Service, NOAA, Great Falls, Montana.

Freeze/Frost Occurrence Data, Average, 1961-1990 1/

reeze/Frost	Occurren	ce Data,	Averaç	je, 190	1-199	0 17					
STATION	COUNTY	Temp Threshold		oring (Date bability Le			all (Date) bability Le			e-Free Poability Le	
		(degrees F)	90	50	10	10	50	90	10	50	90
Harlowton	Wheatland	36	May 27	Jun 18	Jul 10	Aug 17	Aug 29	Sep 10	98	72	45
		32 28	May 08	May 27	Jun 15	Aug 29	Sep 11	Sep 24	131	106	81
Helena WSO	Lowic & Clark		Apr 27	May 15 Jun 04	Jun 03 Jun 23	Sep 06	Sep 22	Oct 07	151	129 95	106 70
neiena wso	Lewis & Clark	30	May 16 May 02	May 18	Jun 02	Aug 25 Sep 02	Sep 08 Sep 18	Sep 21 Oct 03	120 141	122	104
		28	Apr 16	May 02	May 18	Sep 13	Sep 29	Oct 16	172	149	126
Hysham	Treasure	36	May 12	May 28	Jun 13	Aug 28	Sep 09	Sep 21	122	103	84
		32 28	Apr 29 Apr 16	May 16 Apr 30	Jun 01 May 14	Sep 04 Sep 15	Sep 18 Oct 02	Oct 02 Oct 18	143 173	124 154	106 135
Jordan	Garfield	36	May 17	Jun 04	Jun 23	Aug 18	Sep 03	Sep 19	115	90	65
Jordan	Garriera	32	May 03	May 19	Jun 03	Aug 31	Sep 14	Sep 27	136	117	99
		28	Apr 23	May 05	May 17	Sep 08	Sep 23	Oct 09	157	140	124
Kalispell	Flathead	36	May 20	Jun 12	Jul 05	Aug 26	Sep 07	Sep 19	116	87	57
		32 28	Apr 30 Apr 11	May 20 Apr 28	Jun 10 May 15	Sep 07 Sep 15	Sep 20 Oct 02	Oct 03 Oct 19	148 183	122 157	96 130
Lewistown FAA AP	Fergus	36	May 22	Jun 15	Jul 10	Aug 20	Sep 03	Sep 17	106	79	51
201131011111111111111111111111111111111	i orgus	32	May 10	May 24	Jun 07	Sep 01	Sep 18	Oct 04	137	116	94
		28	Apr 25	May 10	May 26	Sep 09	Sep 25	Oct 12	156	137	118
Medicine Lake 3 SE	Sheridan	36	May 09	May 28	Jun 16	Aug 18	Sep 05	Sep 23	124	99	74
		32 28	May 02 Apr 23	May 18 May 11	Jun 03 May 29	Sep 01 Sep 07	Sep 18 Sep 24	Oct 05 Oct 11	148 160	123 136	98 111
Miles City FAA AP	Custer	36	Apr 30	May 16	Jun 01	Sep 05	Sep 21	Oct 08	148	128	107
		32	Apr 22	May 07	May 22	Sep 13	Sep 29	Oct 15	167	145	122
		28	Apr 11	Apr 25	May 09	Sep 27	Oct 12	Oct 27	189	169	149
Plevna	Fallon	36	May 15	Jun 04	Jun 24	Aug 18	Sep 03	Sep 18	113 141	90 116	67 90
		32 28	May 05 Apr 25	May 21 May 09	Jun 06 May 23	Aug 26 Sep 07	Sep 14 Sep 24	Oct 03 Oct 12	158	137	117
Poplar	Roosevelt	36	May 07	May 24	Jun 10	Aug 31	Sep 12	Sep 25	132	110	89
'		32	May 01	May 15	May 29	Sep 07	Sep 20	Oct 03	146	127	108
		28	Apr 20	May 04	May 19	Sep 11	Sep 27	Oct 13	165	145	125
Roundup	Musselshell	36 32	May 12 Apr 28	May 29 May 14	Jun 15 May 30	Aug 30 Sep 01	Sep 10 Sep 17	Sep 21 Oct 03	123 144	103 125	84 106
		28	Apr 18	May 02	May 15	Sep 14	Sep 29	Oct 14	167	150	133
Scobey	Daniels	36	May 12	May 29	Jun 14	Aug 18	Sep 06	Sep 26	124	100	76
		32	May 02	May 18	Jun 03	Aug 29	Sep 15	Oct 01	141	119	98
Sidney	Richland	28 36	Apr 20 May 10	May 07	May 24 Jun 21	Sep 06 Aug 26	Sep 26 Sep 08	Oct 15 Sep 22	167 122	140 99	114 76
Sidiley	Ricilianu	32	May 04	May 31 May 17	May 29	Sep 06	Sep 08	Oct 01	142	125	107
		28	Apr 22	May 07	May 21	Sep 12	Sep 26	Oct 09	159	141	124
Stanford 1 WNW	Judith Basin	36	Jun 02	Jun 24	Jul 16	Aug 18	Aug 30	Sep 12	92	66	40
		32 28	May 16 May 01	Jun 03 May 15	Jun 20 May 29	Aug 28 Sep 08	Sep 11 Sep 23	Sep 24 Oct 08	122 151	99 130	76 109
Terry	Prairie	36	May 09	May 26	Jun 12	Aug 24	Sep 09	Sep 25	125	105	85
Terry	Tallic	32	Apr 30	May 14	May 28	Sep 06	Sep 18	Sep 30	143	126	109
		28	Apr 19	May 03	May 17	Sep 09	Sep 26	Oct 13	170	146	122
Thompson Falls PH	Sanders	36	May 17	Jun 08	Jun 30	Aug 29	Sep 11	Sep 25	121	94	67
		32 28	May 01 Apr 19	May 16 May 04	Jun 01 May 19	Sep 07 Sep 17	Sep 24 Oct 07	Oct 10 Oct 27	154 181	130 156	105 131
Townsend	Broadwater	36	May 26	Jun 17	Jul 09	Aug 21	Sep 03	Sep 15	101	77	53
		32	May 12	May 28	Jun 12	Aug 27	Sep 11	Sep 26	128	106	84
		28	Apr 25	May 10	May 24	Sep 07	Sep 24	Oct 11	161	137	112
Vida	McCone	36 32	May 08 Apr 28	May 21 May 14	Jun 04 May 30	Aug 28 Sep 05	Sep 12 Sep 20	Sep 27 Oct 05	135 149	113 129	91 108
		28	Apr 26 Apr 16	May 03	May 19	Sep 05	Oct 01	Oct 03	170	151	131
Westby	Sheridan	36	May 12	May 27	Jun 12	Aug 18	Sep 05	Sep 23	126	100	74
, , ,		32	May 01	May 17	Jun 02	Sep 04	Sep 18	Oct 02	147	123	99
Mile e	\\ /!le # :	28	Apr 23	May 07	May 21	Sep 09	Sep 25	Oct 12	160	141	122
Wibaux	Wibaux	36 32	May 23 May 05	Jun 17 May 23	Jul 11 Jun 09	Aug 12 Aug 21	Aug 28 Sep 08	Sep 12 Sep 26	100 134	72 108	43 81
		32	way oo	May 12	May 29		Sep 23	Oct 10	157	133	108

^{1/} This table gives the probability of a later date in the spring and an earlier date in the fall of the occurrence of temperatures as cold, or colder, than 36, 32, and 28 degrees Fahrenheit and the probable length of the freeze-free period relative to the same temperature threshold.

SOURCE: National Weather Service, NOAA, Great Falls, Montana.

Montana Facts and Figures

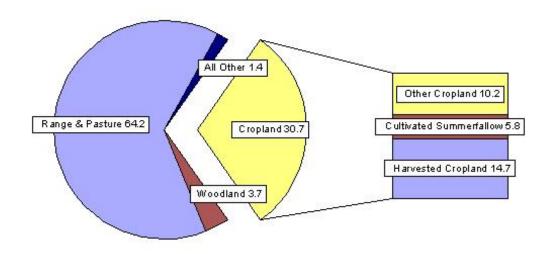
Montana Popu	ulation	Land and Land Utilization 1/				
Total, 2000 Census	902,195	Montana Total Land Area	145,552 Sq. Miles			
People Per Sq. Mile	6.2		93,153,553 Acres			
Farm Population	45,718	All Land in Farms & Ranches	59,612,403 Acres			
People Per Farm	1.9	Proportion of Land in Farms & Ranches	64.0 Percent			
1/ Source: 2002 U.S. Census of	f Agriculture					

	Farms Counts	and Measurements, 2003	
Number of Farms & Ranches 1/ Average Size of Farm or Rancn	· ·	Real Estate Value/Farm or Ranch Average Value per Acre 3/	\$773,071 \$410
Total Farm & Ranch Assets 2/ Average Value Per Farm or Ranch	\$27.2 Bil. \$969,990	Farm & Ranch Debt per Operation	\$103,560

^{1/} Places with annual sales of agricultural products of \$1,000 or more.

Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA – ERS.

Land in Farms & Ranches: Utilization as a Percentage of Total



Source: 2002 Census of Agriculture

^{2/} Exclude farm operators' household assets and debt.

^{3/} Per acre, land and buildings, January 1, 2004.

Number of Farms

Year	Number of Farms (000)						
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1910		1920	_			1940	
	31.5	1	57.0	1931	54.5	1	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of Farms, All Land in Farms, and Average Size of Farms

Number	umber of Farms, All Land in Farms, and Average Size of Farms									
Year 1/	Number of Farms	All Land in Farms	Average Size of All Farms	Year	Number of Farms	All Land in Farms	Average Size of All Farms			
	(000)	(000) Acres	Acres		(000)	(000) Acres	Acres			
1950	37.2	65,000	1,747	1980	23.8	61,900	2,601			
1951	36.8	65,200	1,772	1981	23.9	61,700	2,582			
1952	36.4	65,500	1,799	1982	24.0	61,500	2,563			
1953	35.9	65,800	1,833	1983	24.1	61,300	2,544			
1954	35.4	66,100	1,867	1984	24.2	61,100	2,525			
1955	34.8	66,100	1,899	1985	24.3	61,000	2,510			
1956	34.2	66,200	1,936	1986	24.4	60,900	2,496			
1957	33.6	66,300	1,973	1987	24.5	60,800	2,482			
1958	33.0	66,500	2,015	1988	24.6	60,700	2,467			
1959	32.4	66,600	2,056	1989	24.7	60,600	2,453			
1960	31.7	66,700	2,104	1990	24.7	60,500	2,449			
1961	30.8	66,800	2,169	1991	24.7	60,300	2,441			
1962	30.1	66,800	2,219	1992	24.3	60,000	2,469			
1963	29.5	66,800	2,264	1993	25.0	59,900	2,396			
1964	28.9	67,200	2,325	1994	26.0	59,600	2,292			
1965	28.4	66,700	2,349	1995	26.0	59,400	2,285			
1966	28.0	66,200	2,364	1996	26.5	58,500	2,208			
1967	27.6	65,700	2,380	1997	27.0	57,800	2,141			
1968	27.1	65,200	2,406	1998	27.5	59,000	2,145			
1969	26.7	64,700	2,423	1999	27.8	59,200	2,129			
1970	26.4	64,200	2,432	2000	27.8	59,300	2,133			
1971	26.0	63,700	2,450	2001	27.8	59,600	2,144			
1972	25.5	63,200	2,478	2002	27.9	59,800	2,143			
1973	25.1	63,000	2,510	2003	28.0	60,100	2,146			
1974	24.6	62,800	2,553	2004	28.0	60,100	2,146			
1975	23.4	62,200	2,658							
1976	23.4	62,200	2,658							
1977	23.5	62,100	2,643							
1978	23.6	62,100	2,631							
1979	23.7	62,100	2,620							
1/ Beginnir	g in 1975, num	ber of farms refers	to places that had	annual sale	s of agricultural	products of \$1,000	or more.			

Census of Agriculture Number of Farms by Size

Year	1-9	10-49	50-179	180-499	500-999	1,000-1,999	2,000 or More	Total Farms		
rodi				Acı	es					
1954	1455	1893	4800	5952	5553	1/	13,408	33,061		
1959	675	1,690	3,804	4,938	4,671	1/	13,181	28,959		
1964	704	1,641	3,393	4,396	3,954	5,101	7,831	27,020		
1969	1,283	1,485	2,791	3,757	3,339	4,700	7,596	24,951		
1974	1,177	1,550	2,707	3,436	2,990	4,053	7,411	23,324		
1978	1,255	1,889	2,987	3,420	2,928	4,011	7,075	23,565		
1982	1,551	2,673	3,080	3,097	2,640	3,345	7,184	23,570		
1987	1,940	2,745	3,019	3,315	2,737	3,460	7,352	24,568		
1992	1,209	2,804	3,061	2,964	2,521	3,040	7,222	27,821		
1997	1,195	4,673	4,414	4,032	3,067	3,382	6,869	27,632		
2002	1,484	5,005	4,497	3,964	2,770	3,034	7,116	27,870		
1/ Combined	with "2,000 ac	res or more".								

Census of Agriculture Number of Farms by Value of Sales

i rigi icai	taro itari	1201 01 1 0	41 1113 2 y	raide oi t	<u> </u>			
Less than \$2,500	\$2,500- \$4,999	\$5,000- \$9,999	\$10,000- \$24,000	\$25,000- \$49,999	\$50,000- \$99,999	\$100,000- \$499.999	\$500,000 or More	Total Farms
9,654	600	7,760	3,905	2,581				33,061
6,469	4,024	6,570	11,691					28,959
5,886	3,522	6,518	1/	11,753	1/	251	2/	27,020
4,525	2,375	3,800	1/	13,512	1/	597	49	24,951
3,340	1,655	2,520	1/	13,565	1/	2,036	106	23,324
2,842	1,991	2,538	4,573	4,757	1/	2,567	160	23,565
3,914	1,795	2,295	3,703	3,592	3,928	3,981	263	23,570
4,320	2,006	2,374	3,912	3,695	4,064	3,945	252	24,568
4,073	1,764	2,131	3,413	3,051	3,528	4,492	369	27,821
7,129	2,314	2,559	3,666	3,066	3,425	4,988	485	27,632
10,117	1,776	2,162	3,043	2,718	3,027	4,507	520	27,870
	Less than \$2,500 9,654 6,469 5,886 4,525 3,340 2,842 3,914 4,320 4,073 7,129	Less than \$2,500- \$2,500 \$4,999 9,654 600 6,469 4,024 5,886 3,522 4,525 2,375 3,340 1,655 2,842 1,991 3,914 1,795 4,320 2,006 4,073 1,764 7,129 2,314	Less than \$2,500- \$5,000- \$9,999 9,654 600 7,760 6,469 4,024 6,570 5,886 3,522 6,518 4,525 2,375 3,800 3,340 1,655 2,520 2,842 1,991 2,538 3,914 1,795 2,295 4,320 2,006 2,374 4,073 1,764 2,131 7,129 2,314 2,559	Less than \$2,500- \$5,000- \$10,000- \$2,500 \$4,999 \$9,999 \$24,000 9,654 600 7,760 3,905 6,469 4,024 6,570 11,691 5,886 3,522 6,518 1/ 4,525 2,375 3,800 1/ 3,340 1,655 2,520 1/ 2,842 1,991 2,538 4,573 3,914 1,795 2,295 3,703 4,320 2,006 2,374 3,912 4,073 1,764 2,131 3,413 7,129 2,314 2,559 3,666	Less than \$2,500- \$5,000- \$10,000- \$25,000- \$4,999 \$2,500 \$2,500 \$2,000- \$4,999 \$24,000 \$25,000- \$49,999 9,654 600 7,760 3,905 2,581 5,886 3,522 6,570 11,691 5,886 3,522 6,518 1/ 11,753 4,525 2,375 3,800 1/ 13,512 3,340 1,655 2,520 1/ 13,565 2,842 1,991 2,538 4,573 4,757 3,914 1,795 2,295 3,703 3,592 4,320 2,006 2,374 3,912 3,695 4,073 1,764 2,131 3,413 3,051 7,129 2,314 2,559 3,666 3,066	Less than \$2,500 \$5,000- \$10,000- \$25,000- \$29,999 \$50,000- \$99,999 9,654 600 7,760 3,905 2,581 6,469 4,024 6,570 11,691 5,886 3,522 6,518 1/ 11,753 1/ 4,525 2,375 3,800 1/ 13,512 1/ 3,340 1,655 2,520 1/ 13,565 1/ 2,842 1,991 2,538 4,573 4,757 1/ 3,914 1,795 2,295 3,703 3,592 3,928 4,320 2,006 2,374 3,912 3,695 4,064 4,073 1,764 2,131 3,413 3,051 3,528 7,129 2,314 2,559 3,666 3,066 3,066 3,425	Less than \$2,500 \$5,000- \$9,999 \$10,000- \$49,999 \$50,000- \$499,999 \$100,000- \$49,999 9,654 600 7,760 3,905 2,581 6,469 4,024 6,570 11,691 5,886 3,522 6,518 1/ 11,753 1/ 251 4,525 2,375 3,800 1/ 13,512 1/ 597 3,340 1,655 2,520 1/ 13,565 1/ 2,036 2,842 1,991 2,538 4,573 4,757 1/ 2,567 3,914 1,795 2,295 3,703 3,592 3,928 3,981 4,320 2,006 2,374 3,912 3,695 4,064 3,945 4,073 1,764 2,131 3,413 3,051 3,528 4,492 7,129 2,314 2,559 3,666 3,066 3,066 3,425 4,988	Less than \$2,500 \$5,000-\$9,999 \$10,000-\$49,999 \$50,000-\$99,999 \$50,000-\$100,000 or \$100,000-\$99,999 \$500,000 or \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$90,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999 \$100,000-\$99,999

^{1/} Combined with "\$25,000-\$49,999".

Census of Agriculture Number of Farms Reporting Cropland

Voor	Farms Reporting	Acres of	Cropland Acres
Year	Cropland	Cropland	Average Size
1954	31,200	14,508,000	465
1959	27,500	15,078,000	549
1964	25,200	15,388,000	611
1969	22,700	16,109,000	710
1974	21,400	15,446,000	723
1978	21,400	16,233,000	757
1982	20,700	16,452,000	794
1987	21,100	17,830,000	846
1992	19,400	17,495,000	900
1997	22,800	18,238,000	800
2002	21,900	18,316,000	838

^{2/} Combined with "\$100,000-\$499,999".

Census Number of Farms, Land in Farms, and Average Farm Size, 1997 and 2002 1/

County and District Deer Lodge Flathead Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier Hill	Number of Farms 102 1,102 130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303 534	1997 Land in Farms - Acres 106,994 237,781 260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535 1,702,269	Average Farm Size - Acres 1,049 216 2,001 508 171 221 443 2,428 151 834 499 3,721 2,744	Number of Farms 109 1,075 140 1,185 310 85 641 274 1,441 464 5,724	2002 Land in Farms - Acres 134,997 234,861 282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	Average Farm Size - Acres 1,239 218 2,021 508 175 191 403 2,258 170 745
District Deer Lodge Flathead Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	Farms 102 1,102 130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	Farms - Acres 106,994 237,781 260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	Size - Acres 1,049 216 2,001 508 171 221 443 2,428 151 834 499 3,721	Farms 109 1,075 140 1,185 310 85 641 274 1,441 464 5,724	134,997 234,861 282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	Size - Acres 1,239 218 2,021 508 175 191 403 2,258 170 745
Deer Lodge Flathead Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	102 1,102 130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	106,994 237,781 260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	1,049 216 2,001 508 171 221 443 2,428 151 834 499	109 1,075 140 1,185 310 85 641 274 1,441 464 5,724	134,997 234,861 282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	1,239 218 2,021 508 175 191 403 2,258 170
Flathead Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	1,102 130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	237,781 260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	216 2,001 508 171 221 443 2,428 151 834 499 3,721	1,075 140 1,185 310 85 641 274 1,441 464 5,724	234,861 282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	218 2,021 508 175 191 403 2,258 170 745
Flathead Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	1,102 130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	237,781 260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	216 2,001 508 171 221 443 2,428 151 834 499 3,721	1,075 140 1,185 310 85 641 274 1,441 464 5,724	234,861 282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	218 2,021 508 175 191 403 2,258 170 745
Granite Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	130 1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	260,070 617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	2,001 508 171 221 443 2,428 151 834 499 3,721	140 1,185 310 85 641 274 1,441 464 5,724	282,907 601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	2,021 508 175 191 403 2,258 170 745
Lake Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	1,216 310 89 608 261 1,318 489 5,625 598 819 493 791 303	617,435 53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	508 171 221 443 2,428 151 834 499 3,721	1,185 310 85 641 274 1,441 464 5,724	601,544 54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	508 175 191 403 2,258 170 745
Lincoln Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	310 89 608 261 1,318 489 5,625 598 819 493 791 303	53,101 19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	171 221 443 2,428 151 834 499 3,721	310 85 641 274 1,441 464 5,724	54,236 16,277 258,315 618,687 245,133 345,775 2,792,732	175 191 403 2,258 170 745
Mineral Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	89 608 261 1,318 489 5,625 598 819 493 791 303	19,707 269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	221 443 2,428 151 834 499 3,721	85 641 274 1,441 464 5,724	16,277 258,315 618,687 245,133 345,775 2,792,732	191 403 2,258 170 745
Missoula Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	608 261 1,318 489 5,625 598 819 493 791 303	269,357 633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	443 2,428 151 834 499 3,721	641 274 1,441 464 5,724	258,315 618,687 245,133 345,775 2,792,732	403 2,258 170 745
Powell Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	261 1,318 489 5,625 598 819 493 791 303	633,641 198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	2,428 151 834 499 3,721	274 1,441 464 5,724	618,687 245,133 345,775 2,792,732	2,258 170 745
Ravalli Sanders NORTHWEST Blaine Chouteau Glacier	1,318 489 5,625 598 819 493 791 303	198,386 407,654 2,804,126 2,224,905 2,247,664 1,623,535	151 834 499 3,721	1,441 464 5,724	245,133 345,775 2,792,732	170 745
Sanders NORTHWEST Blaine Chouteau Glacier	489 5,625 598 819 493 791 303	407,654 2,804,126 2,224,905 2,247,664 1,623,535	834 499 3,721	464 5,724	345,775 2,792,732	745
NORTHWEST Blaine Chouteau Glacier	5,625 598 819 493 791 303	2,804,126 2,224,905 2,247,664 1,623,535	499 3,721	5,724	2,792,732	
Blaine Chouteau Glacier	598 819 493 791 303	2,224,905 2,247,664 1,623,535	3,721	•		488
Chouteau Glacier	819 493 791 303	2,247,664 1,623,535		588	2 2/1 411	
Glacier	493 791 303	1,623,535	2,744		2,261,411	3,846
	791 303			787	2,301,376	2,924
HIII	303	1,702,269	3,293	472	1,645,201	3,486
			2,152	836	1,808,835	2,164
Liberty	534	932,582	3,078	297	905,171	3,048
Phillips		1,931,969	3,618	525	1,896,941	3,613
Pondera	536	912,659	1,703	520	900,107	1,731
Teton	625	1,129,786	1,808	700	1,230,550	1,758
Toole	424	1,098,048	2,590	405	1,087,797	2,686
NORTH CENTRAL	5,123	13,803,417	2,694	5,130	14,037,389	2,736
Daniels	405	807,146	1,993	364	815,443	2,240
Dawson	538	1,383,887	2,572	522	1,410,885	2,703
Garfield	241	2,077,981	8,622	268	2,181,755	8,141
McCone	466	1,325,778	2,845	496	1,346,271	2,714
Richland	611	1,197,842	1,960	587	1,201,436	2,047
Roosevelt	694	1,468,884	2,117	683	1,441,479	2,111
Sheridan	645	1,040,802	1,614	626	1,046,892	1,672
Valley	722	1,787,319	2,476	743	2,051,667	2,761
NORTHEAST	4,322	11,089,639	2,566	4,289	11,495,828	2,680
Broadwater	250	455,946	1,824	279	469,782	1,684
Cascade	1,050	1,470,308	1,400	1,037	1,388,530	1,339
Fergus	893	2,229,507	2,497	830	2,281,789	2,749
Golden Valley	125	632,799	5,062	140	660,787	4,720
Judith Basin	359	827,752	2,306	316	829,846	2,626
Lewis & Clark	610	832,589	1,365	635	841,826	1,326
Meagher	151	923,090	6,113	136	857,215	6,303
Musselshell	257	916,317	3,565	319	1,033,572	3,240
Petroleum	89	528,700	5,940	89	538,028	6,045
Wheatland	158	829,044	5,247	163	841,643	5,163
CENTRAL	3,942	9,646,052	2,447	3,944	9,743,018	2,470
			-			
Beaverhead	409	1,170,447	2,862	421	1,279,031	3,038
Gallatin	1,003	782,189	780	1,074	708,728	660
Jefferson	317	362,583	1,144	372	387,077	1,041
Madison	535	1,096,286	2,049	513	1,028,781	2,005
Silver Bow	145	103,374	713	155	73,792	476
Southwest	2,409	3,514,879	1,459	2,535	3,477,409	1,372
Big Horn	586	2,715,199	4,633	584	2,811,337	4,814
Carbon	719	764,729	1,064	703	753,504	1,072
Park	483	735,544	1,523	527	847,067	1,607
Stillwater	534	890,378	1,667	552	890,326	1,613
Sweetgrass	340	837,768	2,464	357	867,058	2,429
Treasure	119	593,985	4,991	115	606,846	5,277
Yellowstone	1,283	1,496,691	1,167	1,279	1,568,637	1,226
SOUTH CENTRAL	4,064	8,034,294	1,977	4,117	8,344,775	2,027
Carter	312	1,554,031	4,981	289	1,666,922	5,768
Custer	451	1,872,660	4,152	425	1,904,133	4,480
Fallon	326	900,413	2,762	327	932,211	2,851
Powder River	307	1,524,243	4,965	301	1,521,618	5,055
Prairie	162	596,205	3,680	162	619,684	3,825
Rosebud	397	2,636,032	6,640	412	2,540,898	6,167
Wibaux	192	469,348	2,445	215	535,786	2,492
SOUTHEAST	2,147	9,552,932	4,449	2,131	9,721,252	4,562
MONTANA	27,632	58,445,339	2,115	27,870	59,612,403	2,139
1/ Farms are places tha	· ·					2,139